

Supplementary Table S1. Demographic characteristics, comorbidities and treatments ever received. Comparison between patients with and without depression or anxiety.

	Depression HADS-Depression ≥ 11 (n=25)	Non-depression HADS-Depression < 11 (n=103)	p-value	Anxiety HADS-Anxiety ≥ 11 (n=27)	Non-anxiety HADS-Anxiety < 11 (n=101)	p-value
Demographic characteristics						
Age, years, mean $\pm$ SD	54.4 $\pm$ 13.3	53.1 $\pm$ 11.3	0.798	54.3 $\pm$ 8.9	53.1 $\pm$ 12.3	0.836
Age at PsA diagnosis, years, mean $\pm$ SD	45.9 $\pm$ 10.8	44.2 $\pm$ 12.6	0.714	48.2 $\pm$ 10.5	43.5 $\pm$ 12.6	0.164
Female gender, n (%)	20 (80.0)	46 (44.7)	0.002	19 (70.4)	47 (46.5)	0.032
BMI, mean $\pm$ SD	28.9 $\pm$ 6.9	28.2 $\pm$ 6.3	0.650	30.1 $\pm$ 7.2	27.9 $\pm$ 6.1	0.166
Smoking (current), n (%)	13 (52.0)	41 (39.8)	0.367	11 (40.8)	41 (40.6)	1.000
HLA-B27, n (%)	3 (13.6) n=22	16 (20.0) n=80	0.757	4 (19.0) n=21	15 (18.5) n=81	1.000
Disease duration, months, mean $\pm$ SD	89.6 $\pm$ 97.7	91.1 $\pm$ 83.6	0.644	74.8 $\pm$ 83.2	95.3 $\pm$ 87.1	0.248
Comorbidities						
Dyslipidaemia, n (%)	13 (52.0)	53 (51.5)	1.000	15 (55.5)	52 (51.5)	0.829
Obesity, n (%)	8 (32.0)	30 (29.1)	0.810	11 (40.7)	27 (26.7)	0.164
Hypertension, n (%)	10 (40.0)	30 (29.1)	0.338	11 (40.7)	29 (28.7)	0.249
Diabetes mellitus, n (%)	6 (24.0)	16 (15.5)	0.375	7 (25.9)	15 (14.9)	0.248
CVD, n (%)	0	6 (5.8)	0.596	2 (7.4)	4 (4)	0.606
CVA, n (%)	0	4 (3.9)	1.000	1 (3.7)	3 (3)	1.000
Fibromyalgia ^a , n (%)	17 (68.0)	7 (6.8)	0.0001	16 (59.3)	8 (7.9)	0.0001
Treatments ^b						
Corticosteroids, n (%)	16 (64.0)	47 (45.6)	0.120	18 (66.7)	45 (45.5)	0.052
cDMARDs, n, median (min-max)	1 (0-4)	1 (0-4)	0.827	1 (0-4)	1 (0-4)	0.197
bDMARDs, n, median (min-max)	1.5 (0-5)	1 (0-6)	0.556	1 (0-5)	1 (0-6)	0.146

^aPresent at the time of clinical assessment.^bTreatments for PsA received at any time point during the disease course (from diagnosis up to the last clinical assessment).

HADS-D/A: Hospital Anxiety and Depression Scale-Depression/Anxiety; BMI: body mass index; DIP: distal interphalangeal; IBD: inflammatory bowel disease; CVD: cardiovascular disease; CVA: cerebrovascular accident; cDMARDs: conventional disease-modifying anti-rheumatic drug; bDMARDs: biologic DMARDs; n: number; SD: standard deviation. Statistically significant values are in bold.